



FEB 28 1980

DPM 2697-1 *Ext. Soluble, Washaway* ADAPTED FROM (FORM NO. OSHA-20 (MODIFIED) MAY 1974)

U.S. DEPARTMENT OF LABOR  
WORKPLACE STANDARDS ADMINISTRATION  
BUREAU OF LABOR STANDARDS

MATERIAL SAFETY DATA SHEET  
JAN 29 1982

PROPRIETARY PRODUCT  
DATA SUBMITTED ON THIS FORM MAY BE USED FOR  
PROPRIATE OCCUPATIONAL SAFETY AND HEALTH  
RELATED USAGE ONLY. OTHER USE OR DIS-  
CLOSURE TO THIRD PARTIES MAY RESULT IN  
LEGAL ACTION AGAINST THE VIOLATOR BY  
HEXCEL CORPORATION

## SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME HEXCEL CORPORATION-Rezolin Division		EMERGENCY TELEPHONE NO. (213) 882-3022
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 20701 Nordhoff Street, Chatsworth, California 91311		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS Paraplast 8100 (formerly Paraplast 33)
CHEMICAL FAMILY Mandrel Material	FORMULA	

## SECTION II: HAZARDOUS INGREDIENTS\*

<del>XXXXXXXXXXXXXXXXXXXX</del>	%	<del>XXXXX XXXXX</del>	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
<del>XXXXXXXX</del> Potassium Nitrate	30-50		BASE METAL		
<del>XXXXXX</del> Sodium Nitrite	40-10		ALLOYS		
<del>VERDOLX</del> Sodium Nitrate	25-30		METALLIC COATINGS		
<del>SOLVENTS</del> Quicklime	5-10		FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)
DO NOT MIX WITH INORGANIC ACIDS.					
(Decomposition results in evolution of toxic gases).					
Do not add acid to Paraplast 8100. Avoid any contamination of Paraplast in either the powder or molten forms.					

## SECTION III: PHYSICAL DATA

<del>XXXXXXXXXX</del> Melting Point - 300-330°F		SPECIFIC GRAVITY (H <sub>2</sub> O = 1) dry powder =	1.27
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	N/A
VAPOR DENSITY (AIR = 1)	N/A	EVAPORATION RATE (_____ = 1)	N/A
SOLUBILITY IN WATER	soluble		
APPEARANCE AND ODOR	Dry, pink colored powder		

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED) N/A	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA CO <sub>2</sub> and other dry powder extinguishers			
SPECIAL FIRE FIGHTING PROCEDURES Do not pour water directly upon molten Paraplast #8100.			

## UNUSUAL FIRE AND EXPLOSION HAZARDS

Magnesium when Paraplast #8100 is in molten state.

\*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.  
USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE  
None established.

EFFECTS OF OVEREXPOSURE

Powder may irritate eyes and nose. Powder may act as skin sensitizer on certain sensitive persons.

EMERGENCY AND FIRST AID PROCEDURES

Powder-wash with soap and water. Molten-remove from skin and treat skin for ordinary burns.

Ingestion-use emetic to purge stomach, consult physician.

SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID Moisture contamination.
	STABLE	X	Incompatible. Magnesium when Paraplast is molten. All materials except water when Paraplast in powder or molten state.

INCOMPATIBILITY (MATERIALS TO AVOID)

Magnesium when Paraplast #8100 is in molten state.

HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of Nitrogen

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Sweep up dry powder or solidified chunks of molten material. Wash away residue with detergent and water.

WASTE DISPOSAL METHOD

Buried landfill.

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

Wear dust filter mask when handling dry powdered Paraplast #8100.

VENTILATION	LOCAL EXHAUST		SPECIAL
	MECHANICAL (GENERAL) Preferred		OTHER

PROTECTIVE GLOVES

Cotton lined rubber gloves.

EYE PROTECTION

Eye goggles or face shield.

OTHER PROTECTIVE EQUIPMENT

Recommend use of rubber aprons.

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in cool dry area. Avoid moisture contamination.

OTHER PRECAUTIONS

6/18/76

PREPARED BY

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DATE